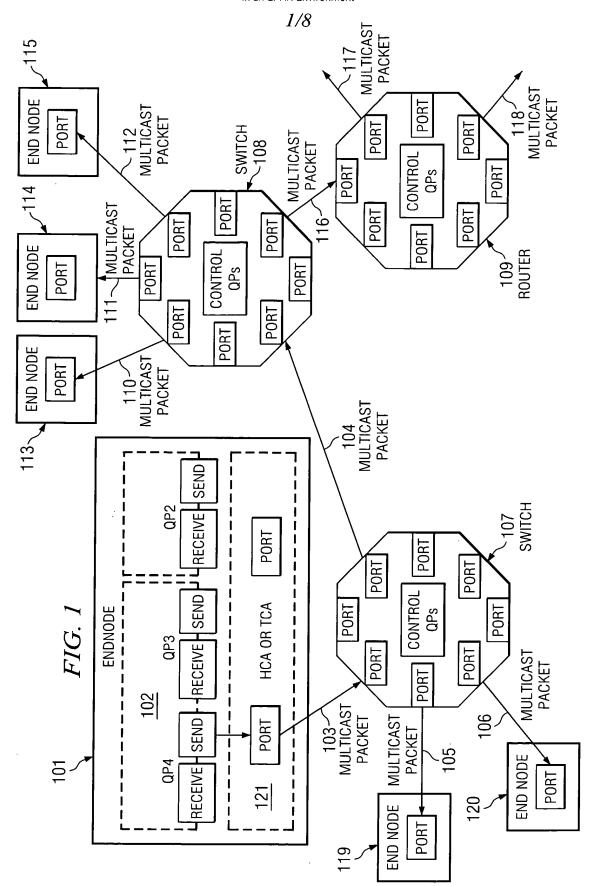
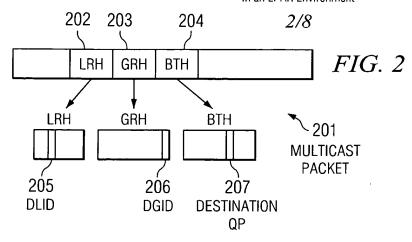
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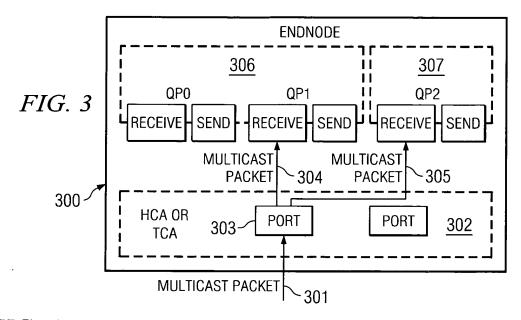
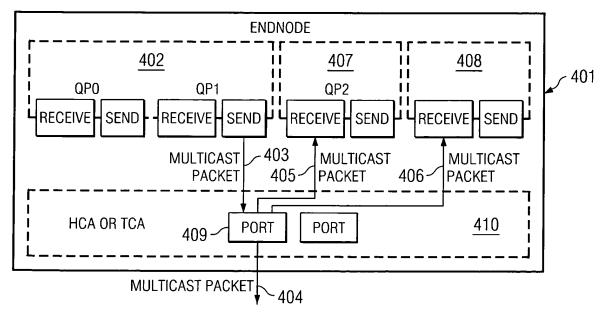
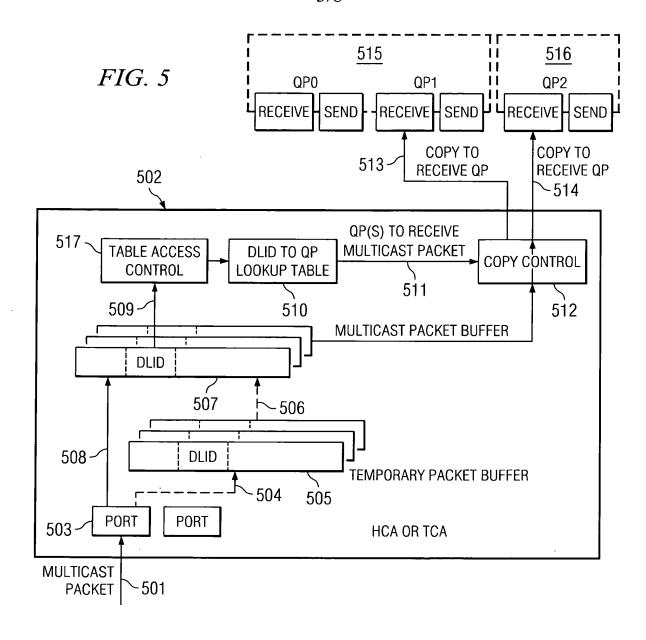
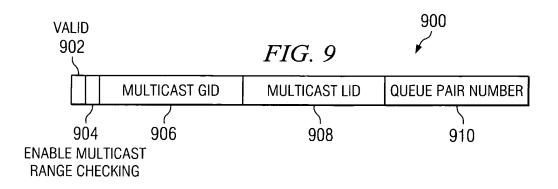


FIG. 4

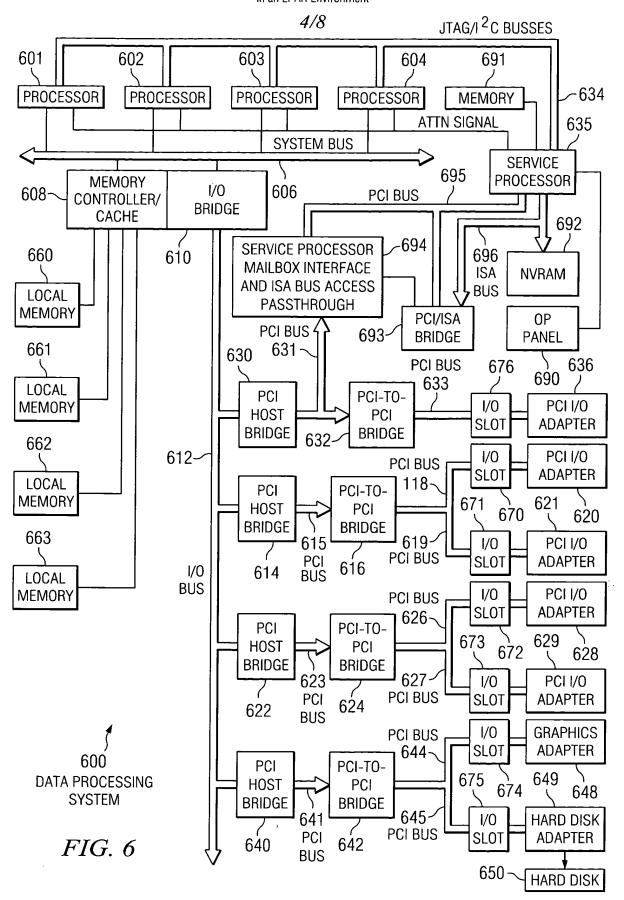


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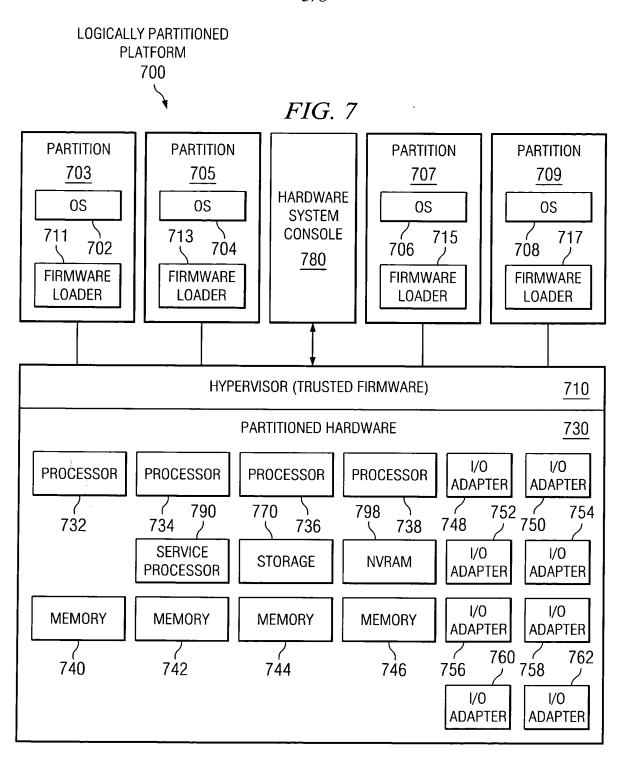




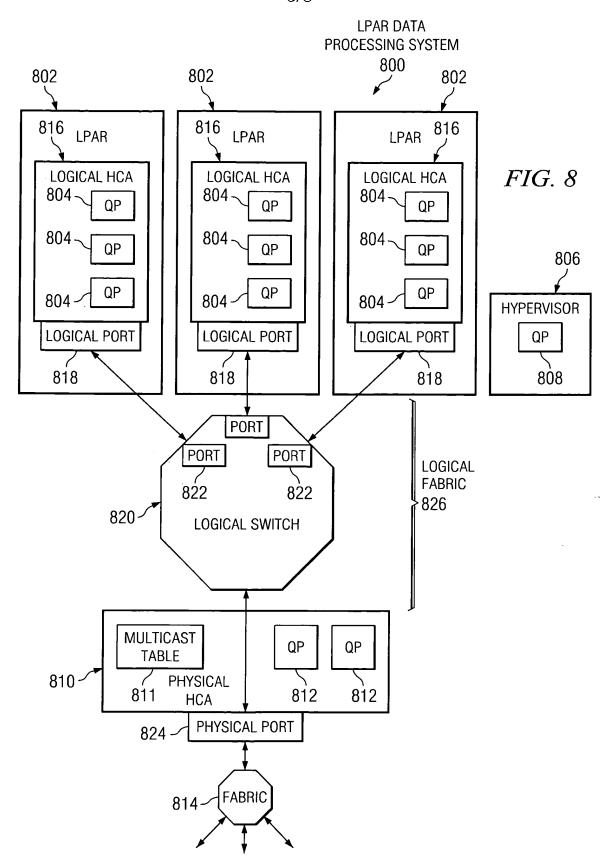
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Infiniband Multicast Operation in an LPAR Environment 7/8 **START** 1002 -RECEIVE PACKET AND PLACE IN VL BUFFER 1004 **DOES** FIG. 10 PACKET MATCH YES ANY MULTICAST TABLE **ENTRIES** NO 1010 IS LID NO IN MULTICAST RANGE? 1006 1024 1012 I YES **PERFORM** PERFORM HARDWARE **FORWARD PACKET ORDINARY UNICAST** TRANSPORT CHECKS BUT BYPASS TO QP(s) FOR **RECEIVE PROCESS** Q Key AND P key CHECKING MATCHING ENTRIES FORWARD PACKET TO 1014-HYPERVISOR MULTICAST QP HYPERVISOR MULTICAST QP IDENTIFIES 1016 -APPROPRIATE LOGICAL HCA(s) HYPERVISOR COMPLETES 1018-TRANSPORT CHECKS HYPERVISOR BUILDS WQE OVERRIDING SOURCE LID AND QP 1020 -NUMBER WITH TRUE ORIGINATOR HYPERVISOR UNICASTS PACKET TO LOGICAL PARTITION 1022 USING LOOPBACK DATAPATH **END**

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